To: CN=Judy Smith/OU=R10/O=USEPA/C=US@EPA[]

Cc: CN=Palmer Hough/OU=DC/O=USEPA/C=US@EPA;CN=Phil

North/OU=R10/O=USEPA/C=US@EPA;CN=Tami Fordham/OU=R10/O=USEPA/C=US@EPA;CN=Jeff Frithsen/OU=DC/O=USEPA/C=US@EPA;CN=Richard Parkin/OU=R10/O=USEPA/C=US@EPA[]; N=Phil North/OU=R10/O=USEPA/C=US@EPA;CN=Tami Fordham/OU=R10/O=USEPA/C=US@EPA;CN=Jeff Frithsen/OU=DC/O=USEPA/C=US@EPA;CN=Richard Parkin/OU=R10/O=USEPA/C=US@EPA[];

N=Tami Fordham/OU=R10/O=USEPA/C=US@EPA;CN=Jeff

Frithsen/OU=DC/O=USEPA/C=US@EPA;CN=Richard Parkin/OU=R10/O=USEPA/C=US@EPA[]; N=Jeff Frithsen/OU=DC/O=USEPA/C=US@EPA;CN=Richard Parkin/OU=R10/O=USEPA/C=US@EPA[];

N=Richard Parkin/OU=R10/O=USEPA/C=US@EPA[]

From: CN=Sheila Eckman/OU=R10/O=USEPA/C=US

Sent: Tue 4/24/2012 10:45:22 PM
Subject: Re: BB - paragraph on population

Bristol Bay Villages.xlsx

http://www.bbna.com/tribal/tribalcouncils.html

Some corrections and clarifications: See attached spreadsheet. Tami and Phil - please check for

accuracy.

Villages in BB region: 32

Tribal governments in BB region: 31 Villages in BB watershed drainage: 25

Villages in Nushagak and Kvichak drainages: 16

Villages in N & K drainages downstream from Pebble claim: 10

Villages in cultural assessment: 13 Villages invited to participate in TEK: 15

Sheila M Eckman

Bristol Bay Watershed Assessment Project Manager EPA Region 10 Office of Ecosystems, Tribal and Public Affairs (206)553-0455

From: Judy Smith/R10/USEPA/US

To: Sheila Eckman/R10/USEPA/US@EPA

Cc: Palmer Hough/DC/USEPA/US@EPA, Phil North/R10/USEPA/US@EPA, Tami

Fordham/R10/USEPA/US@EPA, Jeff Frithsen/DC/USEPA/US@EPA, Richard Parkin/R10/USEPA/US@EPA

Date: 04/24/2012 11:09 AM

Subject: Re: BB - paragraph on population

There are 31 members of the BBNA consortium. http://www.bbna.com/tribal/tribalcouncils.html

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Judy Smith, Community Outreach and Public Information EPA, Region 10, Oregon Operations Office 805 SW Broadway, Suite 500, Portland, OR 97205 503-326-6994

From: Sheila Eckman/R10/USEPA/US
To: Palmer Hough/DC/USEPA/US@EPA

Cc: Phil North/R10/USEPA/US@EPA, Tami Fordham/R10/USEPA/US@EPA, Jeff

Frithsen/DC/USEPA/US@EPA, Judy Smith/R10/USEPA/US@EPA, Richard

Parkin/R10/USEPA/US@EPA Date: 04/24/12 10:50 AM

Subject: Re: BB - paragraph on population

Palmer - You will be sorry you asked......Tami, Kate, and I had some back and forth on this issue when we drafted the paragraph. Like all things, it depends on what you are looking at. This is my current understanding.....Tami and Phil - please weigh in if this is not correct. We do need a "numbers" briefing paper!

I'm not sure where the 31 comes from. According to the attached map, there are 30 villages within the Bristol Bay watershed, including 5 on the southeastern side of the Alaska Peninsula. There are 25 villages that are in the watershed as defined by draining into Bristol Bay. The economics report focuses on those 25 because it is looking at the fishery. 13 of these are within the Nushagak and Kvichak drainages. The cultural report evaluates 12 villages - it includes Pedro Bay and Port Alsworth, which are close to the Pebble claim and transportation corridor, but not technically in the two watersheds. It does not include Clarks Point, Ekuk, Manokotak and Aliknagik, which are in the two watersheds but on tributaries and not downriver from the Pebble claim.

15 tribal governments were invited to participate in the TEK study. Note that this includes Aleknagik, Ekuk, Clark's point, Portage Creek (seasonal), which are not included in the cultural report population analysis, and does not include Port Alsworth, which is in the cultural report but does not have a tribal government (right Tami?).

Koliganek Village Council
New Stuyahok Traditional Council
Ekwok Village Council
Native Village of Aleknagik
Curyung Tribal Council
Ekuk Village Council
Clark's Point Village Council
Portage Creek Village Council
Nondalton Tribal Council
Iliamna Village Council
Newhalen Tribal Council
Pedro Bay Village Council
Kokhanok Village Council
Igiugig Village Council
Levelock Village Council

http://www.bbnc.net/images/stories/regional\_map.jpg

Sheila M Eckman
Bristol Bay Watershed Assessment Project Manager
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From: Palmer Hough/DC/USEPA/US

To: Sheila Eckman/R10/USEPA/US@EPA

Cc: Phil North/R10/USEPA/US@EPA, Tami Fordham/R10/USEPA/US@EPA, Jeff

Frithsen/DC/USEPA/US@EPA Date: 04/24/2012 10:12 AM

Subject: Re: BB - paragraph on population

## Sheila:

Thanks for sharing this write up. I was not too far off with my pop estimate for the Kvi and Nush watersheds that I said yesterday. Your write up says 4,118 and I think I said around 3,000.

One question, we have stated a number of times that there are 31 Federally recognized tribal governments in the BB Region. This write up says 25 "villages and communities". What is the distinction and how are there 31 govt and only 25 villages?

Thanks, Palmer

Palmer Hough, Environmental Scientist tel: 202.566.1374 | fax: 202.566.1375

Wetlands Division U.S. EPA Headquarters (MC 4502T) 1200 Pennsylvania Avenue, NW Washington, DC 20460 www.epa.gov/wetlands

From: Sheila Eckman/R10/USEPA/US

To: Palmer Hough/DC/USEPA/US@EPA, Phil North/R10/USEPA/US@EPA

Date: 04/24/2012 11:51 AM

Subject: BB - paragraph on population

Palmer - Per our conversation, here is the pp I did for Kate on the population.... [attachment "20120416gen\_pop\_paragraph.docx" deleted by Palmer Hough/DC/USEPA/US]

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